

This circular will be sent regularly to all who apply for it.

## United States Department of Agriculture,

WASHINGTON, D. C., *September 30, 1913.*

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### MONTHLY LIST OF PUBLICATIONS.

[SEPTEMBER, 1913.]

NOTE.—Copies of any of the publications listed herein, except the *Journal of Agricultural Research* and separates therefrom and publications of the Weather Bureau, may be obtained free upon application to the Editor and Chief of the Division of Publications, United States Department of Agriculture, Washington, D. C., as long as the department's supply lasts. The edition of many of the publications is necessarily limited, and when same is exhausted applicants are respectfully referred to the Superintendent of Documents, Government Printing Office, Washington, D. C., who, under the provisions of the joint resolution of March 28, 1904, is empowered to have reprints made and sell them at the prices herein given. Do not apply to the Superintendent of Documents for publications without sending the price of same, as he does not distribute them except by sale. The price of any document, unless otherwise noted, is 5 cents.

The Department of Agriculture does not distribute or control the distribution of the publications of other departments of the Government, the State boards of agriculture, or of the State agricultural experiment stations.

### ANNOUNCEMENT.

Under the new plan of publication work of the department, the independent series of bulletins and circulars heretofore issued by the various bureaus, divisions, and offices have been discontinued. The scientific and technical matter heretofore published in them will hereafter appear in the *JOURNAL OF AGRICULTURAL RESEARCH*, while the popular and semitechnical matter will be printed in a new departmental series of bulletins, beginning with No. 1, each of which will be devoted to the treatment of one subject.

The *JOURNAL OF AGRICULTURAL RESEARCH* will be distributed free to the libraries of agricultural colleges and experiment stations, to large universities, technical schools, and to such institutions as make suitable exchanges with the department. Miscellaneous applicants may procure it by purchase from the superintendent of documents, Government Printing Office, at a price fixed by him.

The departmental series of bulletins will be distributed to selected lists and to miscellaneous applicants as long as the supply lasts.

### ADVANCE SHEETS, FIELD OPERATIONS OF THE BUREAU OF SOILS.

Soil Survey of the Ocala Area, Florida. By Charles N. Mooney and W. J. Latimer, of the U. S. Department of Agriculture, and Hermann Gunter and Emil Gunter, of the Florida State Geological Survey. Pp. 60, pls. 2, fig. 1, map. (From *F. O. Soils*, 1912.) Price, 15 cents.

- Soil Survey of Ben Hill County, Georgia. By Allen L. Higgins, of the U. S. Department of Agriculture, and David D. Long, of the Georgia State College of Agriculture. Pp. 27, fig. 1, map. (From F. O. Soils, 1912.) Price, 15 cents.
- Soil Survey of Chattooga County, Georgia. By A. W. Mangum, of the U. S. Department of Agriculture, and David D. Long, of the Georgia State College of Agriculture. Pp. 57, pl. 1, fig. 1, map. (From F. O. Soils, 1912.) Price, 15 cents.
- Soil Survey of Winston County, Mississippi. By G. A. Crabb, of the U. S. Department of Agriculture, and G. B. Hightower, of the Mississippi Geological Survey. Pp. 47, fig. 1, map. (From F. O. Soils, 1912.) Price, 15 cents.
- Soil Survey of Johnson County, North Carolina. By W. Edward Hearn, of the U. S. Department of Agriculture, and L. L. Brinkley, of the North Carolina Department of Agriculture. Pp. 52, pls. 2, fig. 1, map. (From F. O. Soils, 1911.) Price, 15 cents.
- Soil Survey of Keweenaw County, Wisconsin. By W. J. Geib and A. H. Meyer, of the U. S. Department of Agriculture, and E. J. Graul, of the Wisconsin Geological and Natural History Survey. Pp. 51, fig. 1, map. (From F. O. Soils, 1911.) Price, 15 cents.

#### REPORTS.

- Annual Report of Alaska Agricultural Experiment Stations for 1912. Pp. 96, pls. 17. (Document 1531, Office of Experiment Stations.) Price, 20 cents.
- Annual Report of the Office of Experiment Stations for the year ended June 30, 1912. Pp. 383, pls. 17, figs. 3. Price, —.

#### BULLETINS.

- Medical Milk Commissions and Certified Milk. By Ernest Kelly, In Charge Market Milk Investigations. Contribution from the Bureau of Animal Industry. Sept. 17, 1913. Pp. 38, pls. 5, fig. 1. (Department Bulletin 1.) Price, 10 cents.
- A Normal Day's Work for Various Farm Operations. By H. H. Mowry, Assistant Agriculturist, Office of Farm Management, Bureau of Plant Industry. Contribution from the Bureau of Plant Industry. Sept. 23, 1913. Pp. 44. (Department Bulletin 3.) Price, 10 cents.
- The Southern Corn Rootworm, or Budworm. By F. M. Webster, In Charge of Cereal and Forage Insect Investigations. Contribution from the Bureau of Entomology. Sept. 27, 1913. (Department Bulletin 5.) Price, 5 cents.
- The Agricultural Utilization of Acid Lands by Means of Acid-Tolerant Crops. By Frederick V. Coville, Botanist in Charge of Economic and Systematic Botany. Contribution from the Bureau of Plant Industry. Sept. 19, 1913. Pp. 13. (Department Bulletin 6.) Price, 10 cents.
- The Western Corn Rootworm. By F. M. Webster, In charge of Cereal and Forage Insect Investigations. Contribution from the Bureau of Entomology. Sept. 27, 1913. Pp. 8, figs. 5. (Department Bulletin 8.) Price, 5 cents.
- Game Laws for 1913: A Summary of the Provisions Relating to Seasons, Export, Sale, Limits, and Licenses. By T. S. Palmer, W. F. Bancroft, and Frank L. Earnshaw, Assistants, Biological Survey. Contribution from the Bureau of Biological Survey. Sept. 16, 1913. Pp. 59. (Department Bulletin 22.) Price, 10 cents.
- Vitrified Brick as a Paving Material for Country Roads. By Vernon M. Peirce, Chief Engineer, and Charles H. Moorefield, Senior Highway Engineer, Office of Public Roads. Contribution from the Office of Public Roads. Sept. 17, 1913. Pp. 34, pls. 10, figs. 3. (Department Bulletin 23.) Price, 10 cents.

Life Zones and Crop Zones of New Mexico. By Vernon Bailey, In Charge of Biological Investigations, Biological Survey. Pp. 100, pls. 16, figs. 6, map (North American Fauna No. 35.) Price, 45 cents.

Proceedings of the Seventeenth Annual Meeting of the American Association of Farmers' Institute Workers, held at Atlanta, Ga. Nov. 11, 12, 13, 1912. Edited by W. H. Beal and John Hamilton. Pp. 89. (Bulletin 256, Office of Experiment Stations.) Price, 10 cents.

Experiment Station Record, Vol. XXIX, No. 3, Abstract Number, E. W. Allen, Ph. D., Editor. Pp. 201-300. Price, 15 cents.

*Same*, Vol. XXVIII, Index. Pp. 901-1003. Price, 15 cents.

The record contains numerous abstracts of the publications of the agricultural experiment stations and kindred institutions in this and other countries, articles and editorials on topics of special interest in agricultural science by American and foreign experts, and notes on the experiment stations. The superintendent of documents has fixed the price of this serial, which is now issued in two volumes a year, nine numbers each, at \$1 a volume.

#### CIRCULARS.

Measles in Cattle. By B. H. Ransom, Ph. D., Chief of the Zoological Division. Pp. iv+101-117, pls. 7, figs. 2. [Reprint from Annual Report Bureau of Animal Industry, 1911.] (Circular 214, Bureau of Animal Industry.)

Infectious Abortion of Cattle and the Occurrence of Its Bacterium in Milk. I. Introductory Statement. By A. D. Melvin. II. The Bacillus of Infectious Abortion Found in Milk. By E. C. Schroeder and W. E. Cotton. III. Infectious Abortion of Cattle. By John R. Mohler and Jacob Traum. Pp. iv+137-183, pls. 7. [Reprint from Annual Report Bureau of Animal Industry, 1911.] (Circular 216, Bureau of Animal Industry.) Price, 10 cents.

#### REPRINTS.

The Ox Warble. (Circular 25, Bureau of Entomology.)

The Striped Cucumber Beetle. (Circular 31, Bureau of Entomology.)

The True Clothes Moth. (Circular 36, Bureau of Entomology.)

The Common Squash Bug. (Circular 39, Bureau of Entomology.)

Cockroaches. (Circular 51, Bureau of Entomology.)

The Greenhouse White Fly. (Circular 57, Bureau of Entomology.)

The Corn Root-Worms. (Circular 59, Bureau of Entomology.)

The Imported Cabbage Worm. (Circular 60, Bureau of Entomology.)

Root-Maggots and How to Control Them. (Circular 63, Bureau of Entomology.)

The Colorado Potato Beetle. (Circular 87, Bureau of Entomology.)

Mites and Lice on Poultry. (Circular 92, Bureau of Entomology.)

The Most Important Step in the Control of the Boll Weevil. (Circular 95, Bureau of Entomology.)

Insects Which Kill Forest Trees. (Circular 125, Bureau of Entomology.)

The Dying Hickory Trees: Cause and Remedy. (Circular 144, Bureau of Entomology.)

Insects Injurious to Mushrooms. (Circular 155, Bureau of Entomology.)





The Clover Mite. (Circular 158, Bureau of Entomology.)

The Manipulation of the Wax Scales of the Honey Bee. (Circular 161, Bureau of Entomology.)

Sacbrood, a Disease of Bees. (Circular 169, Bureau of Entomology.)

#### FARMERS' BULLETINS.

Kafir as a Grain Crop. By Carleton R. Ball, Agronomist, Office of Cereal Investigations, and Benton E. Rothgeb, Scientific Assistant, Office of Cereal Investigations, Bureau of Plant Industry. Pp. 19, figs. 8. (Farmers' Bulletin 552.)

Pop Corn for the Home. By C. P. Hartley, Physiologist in Charge of Crop Investigations, and J. G. Willier, Scientific Assistant, Office of Corn Investigations, Bureau of Plant Industry. Pp. 13, figs. 9. (Farmers' Bulletin 553.)

Pop Corn for the Market. By C. P. Hartley, Physiologist in Charge of Corn Investigations, and J. G. Willier, Scientific Assistant, Office of Corn Investigations. Pp. 16, figs. 12. (Farmers' Bulletin 554.)

Agricultural Outlook. Contributions from various bureaus of the department. Sept. 11, 1913. Contents: Weather conditions during past month with relation to crops.—Apple outlook.—Potato outlook.—Hog cholera.—Agricultural forecast and general review of crop conditions. Pp. 20. (Farmers' Bulletin 558.)

NOTE.—The Agricultural Outlook will be issued three or four times a year as a Farmers' Bulletin, and is designed to supersede the monthly Crop Reporter, which has been discontinued. No permanent mailing list for same has yet been established; notice of its issue will appear in the Monthly List, and it will be for general distribution.

#### PUBLICATIONS OF THE WEATHER BUREAU.

Publications of the Weather Bureau are obtainable only from the Chief of the Weather Bureau or the superintendent of documents, Government Printing Office, at the prices noted herein.

Bulletin of the Mount Weather Observatory, vol. 5, pt. 6. Prepared under the direction of the Acting Chief United States Weather Bureau. Pp. 365-419, figs. 55. (W. B. No. 505.) Price, 25 cents.

Bulletin of the Mount Weather Observatory, vol. 6, pt. 1. Prepared under the direction of the Acting Chief United States Weather Bureau. Pp. 1-34, fig. 1. (W. B. No. 511.) Price, 25 cents.

Monthly Weather Review, vol. 41; No. 6, June, 1913. Prepared under the direction of Henry E. Williams, Acting Chief U. S. Weather Bureau. Pp. 815-966, maps 2, charts 7. (W. B. No. 510.) Price, 35 cents; \$4 a year.

National Weekly Weather Bulletin Nos. 24, 25, 26, 27, 28, for September, 1913, reporting temperature and rainfall, with a summary of weather conditions throughout the United States. (Weekly, April-September, Monthly, remainder of year.) Price, 25 cents a year.

JOS. A. ARNOLD,

*Editor and Chief Division of Publications.*

Approved.

D. F. HOUSTON,

*Secretary of Agriculture.*

